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(4)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Darragh Colgan et al. : Art Unit: 3731  
Serial No.: 10/046,658 : Examiner:  
Filed: January 14, 2002 :  
For: STENT DELIVERY SYSTEM :  
:

**PRELIMINARY AMENDMENT**

RECEIVED

OCT 30 2002

TECHNOLOGY CENTER ROSTO

Assistant Commissioner for Patents  
Washington, D.C. 20231

S I R :

Please make note that this application is a Divisional application of U.S. Application Serial No. 09/270,949 filed 3/17/1999, which is a CIP of Application Serial No. 09/052,214, filed 3/31/1998 (now U.S. Patent No. 6,264,689). Please ensure that U.S. Patent Office records have this information marked correctly.

**AMENDMENT**

Please amend the application as follows:

**DRAWINGS:**

Please amend Figures 2A and 14A as indicated in red on the marked-up copies of Figures 2A and 14A attached herewith.

Also enclosed are 2 sheets of formal drawings with the corrections made thereon.

SPECIFICATION

Please add the paragraph, beginning at page 6, line 20, with the following:

Figs. 2C and 2D are close-up views of their respective portions as shown in Fig. 2A;

Please add the paragraph, beginning at page 7, line 22, with the following:

Figs. 14C and 14D are close-up views of their respective portions as shown in Fig. 14A;

Please replace the paragraph, beginning at page 10, line 19 with the following:

Referring to FIG. 2A, an isometric view of stent 10 according to the invention is shown in an expanded position. The stent 10 is formed from a plurality of strands 42. Figs. 2C and 2D show enlarged views of two parts of the stent shown in Fig. 2A. In a preferred embodiment, there are five strands 42, as seen in the layout view of FIG. 2B. The strands 42 are woven in a pattern starting at a proximal end 44. The pattern forms a plurality of geometric cells 46. Each strand 42 forms a pair of sides 48a and 48b of the most distal cell 46. Each of the sides, with the exception of at least one as explained below, are joined to the adjoining side at an intersection 52 where the strands 42 are helically wrapped about each other to form interlocking joints 54.

Please replace the paragraph, beginning at page 24, line 13 with the following:

FIGS. 14A and 14B illustrate a single layer stent 210 having six strands. The stent 210 has four wrap joints 254 a pair of cross joints 256. Figs. 14C and 14D show enlarged views of two parts of the stent shown in Fig. 14A.

Applicants are submitting a "marked up" copy of the specification which shows the portions of the original specification which are being added. Additions have been indicated by underlining

#### REMARKS

Figure 2A has been labeled separately for each of the exploded images in the figure (Fig. 2C, 2D). Figure 14A also has been labeled separately for each of the exploded images in the figure (14C, 14D).

The specification has also been modified to reflect the respective drawing changes.

Entry of this amendment is respectfully requested. If there are any questions, the Examiner is invited to call the applicants' below-signed counsel to expedite the issuance of the patent.

Respectfully Submitted,

  
Jonathan H. Spadt, Reg. No. 45,122  
Attorney for Applicant

JHS/dhm

Enclosures: Figures 2C, 2D, 14C and 14D with changes marked thereon in red  
Marked up version of the Specification

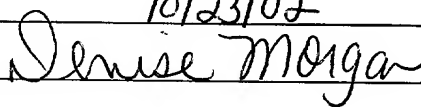
Clean Copy of Figures 2C, 2D, 14C and 14D

Dated: October 23, 2002

Suite 301  
One Westlakes, Berwyn  
P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

The Assistant Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

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Denise Morgan

20062011 09:44:01

VERSION WITH MARKINGS TO SHOW CHANGES MADE  
SPECIFICATION:

Specification at page 6, line 20:

Figs. 2C and 2D are close-up views of their respective portions as shown in Fig. 2A;

Specification at page 7, line 22:

Figs. 14C and 14D are close-up views of their respective portions as shown in Fig. 14A;

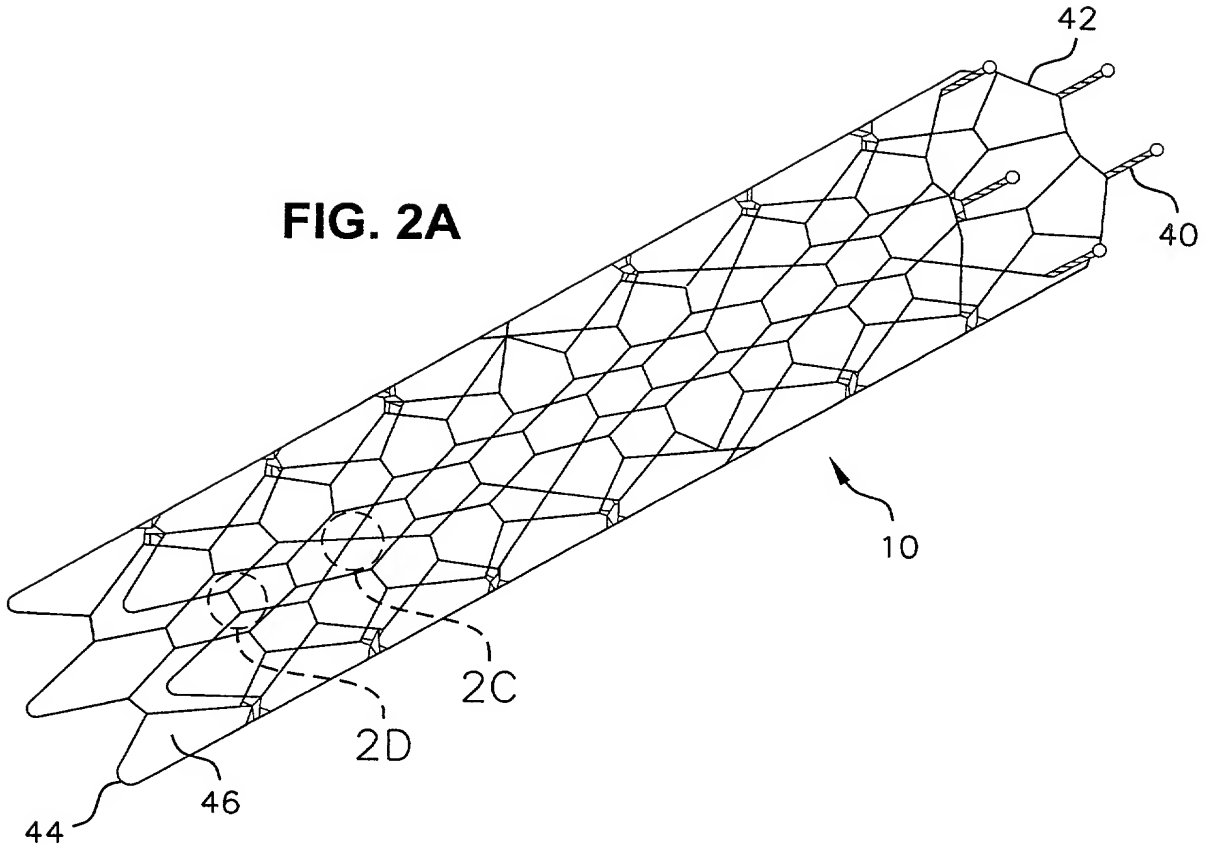
Specification at page 10, line 19:

Referring to FIG. 2A, an isometric view of stent 10 according to the invention is shown in an expanded position. The stent 10 is formed from a plurality of strands 42. Figs. 2C and 2D show enlarged views of two parts of the stent shown in Fig. 2A. In a preferred embodiment, there are five strands 42, as seen in the layout view of FIG. 2B. The strands 42 are woven in a pattern starting at a proximal end 44. The pattern forms a plurality of geometric cells 46. Each strand 42 forms a pair of sides 48a and 48b of the most distal cell 46. Each of the sides, with the exception of at least one as explained below, are joined to the adjoining side at an intersection 52 where the strands 42 are helically wrapped about each other to form interlocking joints 54.

Specification at page 24, line 13:

FIGS. 14A and 14B illustrate a single layer stent 210 having six strands. The stent 210 has four wrap joints 254 a pair of cross joints 256. Figs. 14C and 14D show enlarged views of two parts of the stent shown in Fig. 14A.

FIG. 2A



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FIG. 2C

FIG. 2D

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1004653 102902

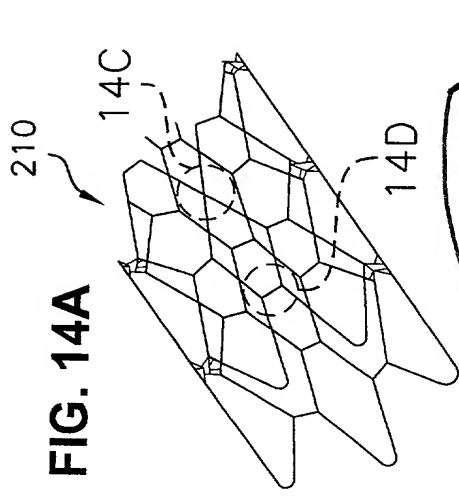


FIG. 14A

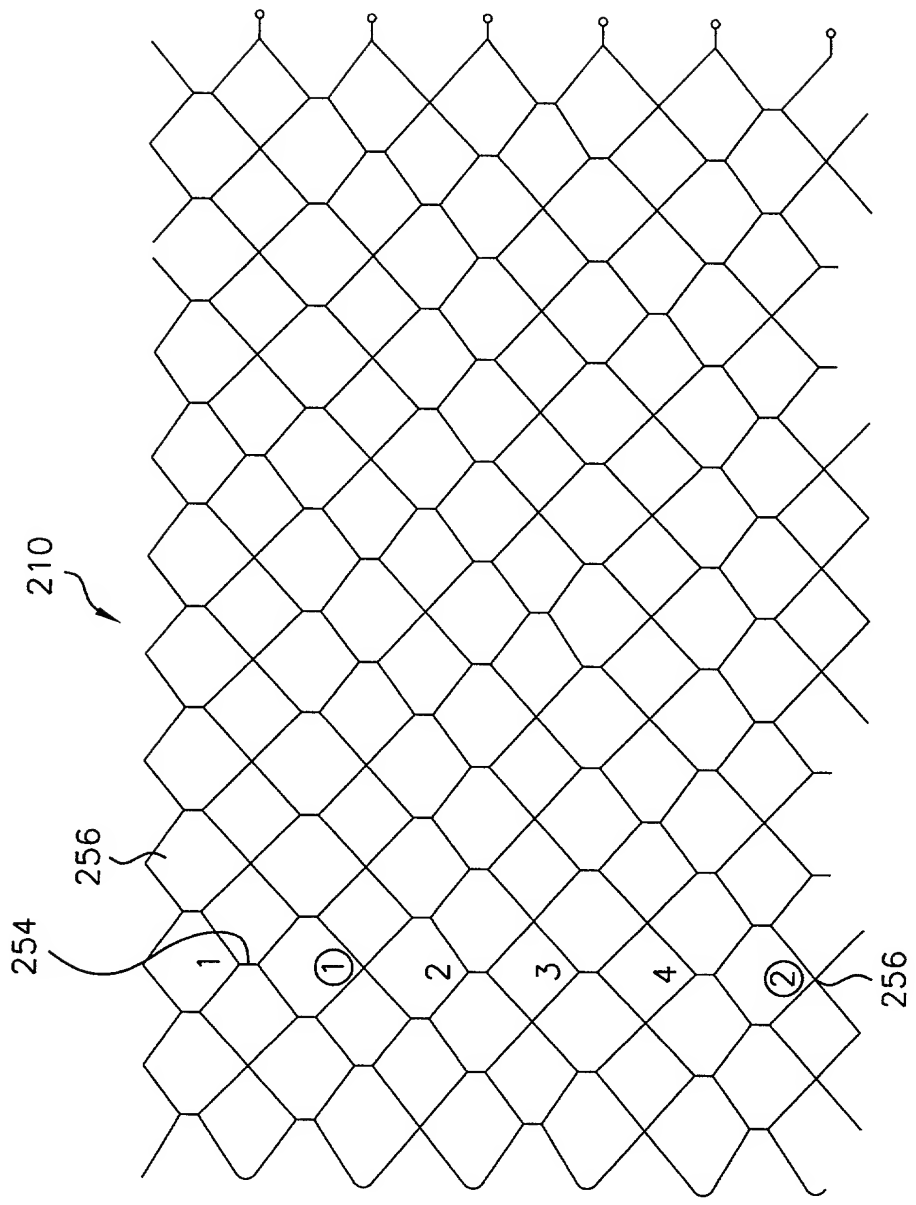


FIG. 14B

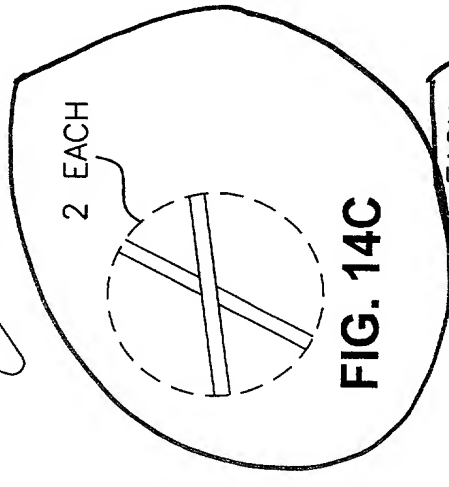


FIG. 14C

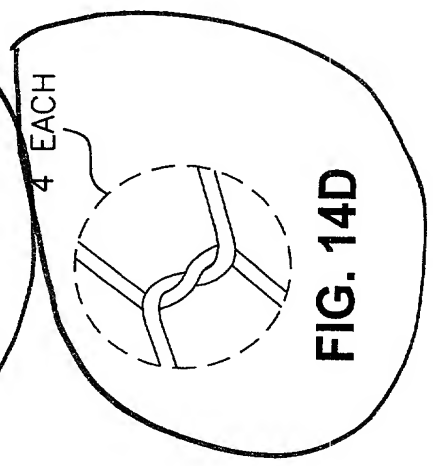
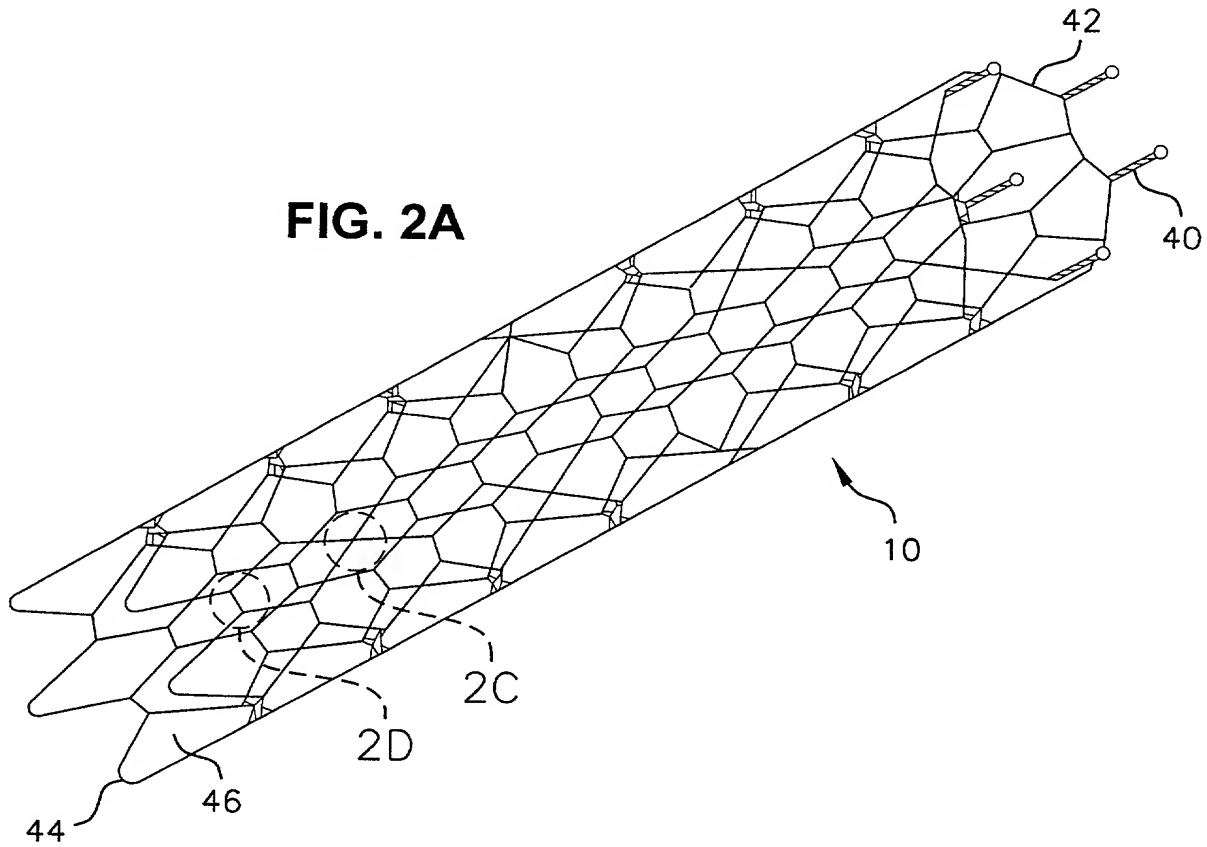


FIG. 14D

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FIG. 2A



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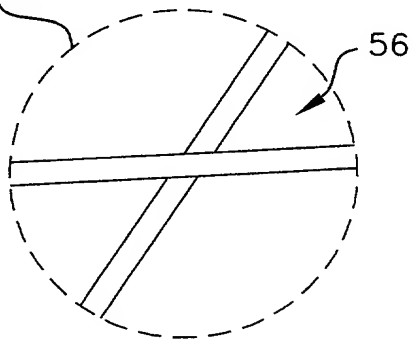


FIG. 2C

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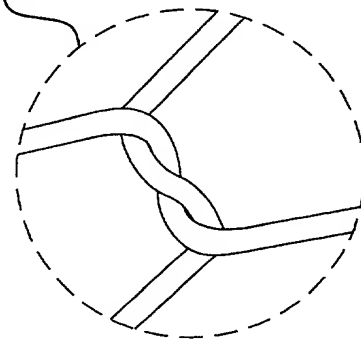
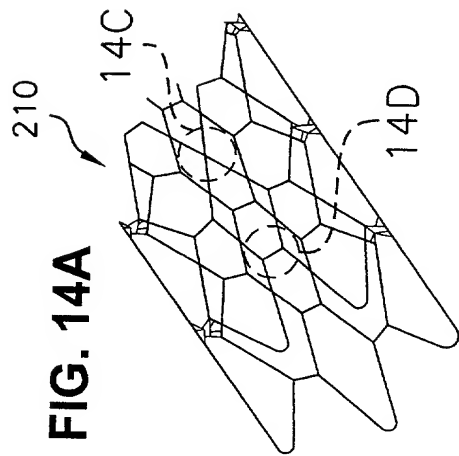


FIG. 2D



FIG. 14A



2 EACH

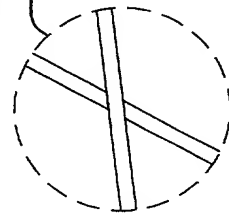


FIG. 14C

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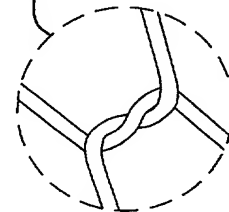


FIG. 14D

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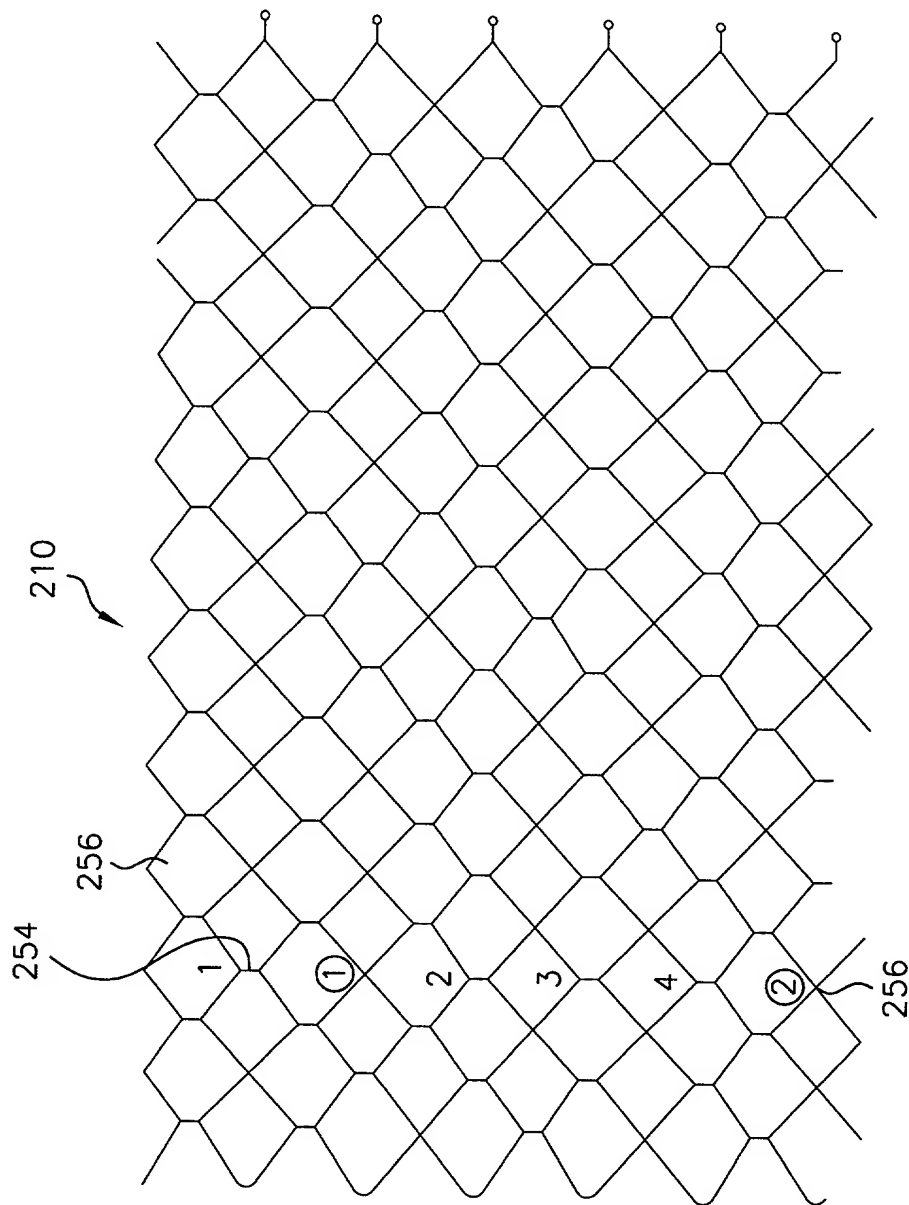


FIG. 14B